

## **ABSTRACT**

**This invention refers to a compact monitoring system for firearms, including a detecting and tracking structure and a method for confirming ammunition has been discharged from said weapon, more specifically, to a weapon usage detecting and tracking device and a method that utilizes battery operated microcontroller circuitry, and could be used in combination either with a load depletion process warning system which in turn comprises a method for signaling the user of the depletion process using luminous indicators, and a time and date event recorder or in combination with both, sharing substantially the same structure. Provisions are made in the time recording structure to securely retrieve use information at a further date in a way that may include secure handshaking and a serial number.**